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(54) Title: CHORIONIC SOMATOMAMMOTROPIN HORMONE SPLICE VARIANTS

QUERY: 1 MAAGSPTSLLAFAALLCPLMQLQAGAVVTPVLSLFLQARHQIAUDTTQRFVSS 60
MAAGSPTSLLAFAALLCPLMQLQAGAVVTPVLSLFLQARHQIAUDTTQF +
SUBJ: 1 MAAGSPTSLLAFAALLCPLMQLQAGAVVTPVLSLFLQARHQIAUDTTQF 60

QUERY: 1 MAAGSPTSLLAFAALLCPLMQLQAGAVVTPVLSLFLQARHQIAUDTTQFVSS 60
MAAGSPTSLLAFAALLCPLMQLQAGAVVTPVLSLFLQARHQIAUDTTQF +
SUBJ: 1 MAAGSPTSLLAFAALLCPLMQLQAGAVVTPVLSLFLQARHQIAUDTTQF 60

QUERY: 61 W-----GDSIPTPSMEKPTQKSNAALLRISLLLTSLSLEPVPLA 102
+ DSIPPTPSMEKPTQKSNAALLRISLLLTSLSLEPVPLA
SUBJ: 61 YIPDQDQYSPLSQTSPCSNISIPTPSMEKPTQKSNAALLRISLLLTSLSLEPVPLA 120

QUERY: 61 W-----GDSIPTPSMEKPTQKSNAALLRISLLLTSLSLEPVPLA 102
+ DSIPPTPSMEKPTQKSNAALLRISLLLTSLSLEPVPLA
SUBJ: 61 YIPDQDQYSPLSQTSPCSNISIPTPSMEKPTQKSNAALLRISLLLTSLSLEPVPLA 120

QUERY: 103 SFANAVLVDTSDSVDTHLADLREGIQTLAELQSRSTEQQLQIYTQSYDFTNSSED 162
SFANAVLVDTSDSVDTHLADLREGIQTLAELQSRSTEQQLQIYTQSYDFTNSSED
SUBJ: 121 SFANAVLVDTSDSVDTHLADLREGIQTLAELQSRSTEQQLQIYTQSYDFTNSSED 160

QUERY: 103 SFANAVLVDTSDSVDTHLADLREGIQTLAELQSRSTEQQLQIYTQSYDFTNSSED 162
SFANAVLVDTSDSVDTHLADLREGIQTLAELQSRSTEQQLQIYTQSYDFTNSSED
SUBJ: 121 SFANAVLVDTSDSVDTHLADLREGIQTLAELQSRSTEQQLQIYTQSYDFTNSSED 160

QUERY: 163 ALLKEYGLYCFPKMDKIVTFPLAQVQCRSVESCGF 199
ALLKEYGLYCFPKMDKIVTFPLAQVQCRSVESCGF
SUBJ: 181 ALLKEYGLYCFPKMDKIVTFPLAQVQCRSVESCGF 211

QUERY: 163 ALLKEYGLYCFPKMDKIVTFPLAQVQCRSVESCGF 199
ALLKEYGLYCFPKMDKIVTFPLAQVQCRSVESCGF
SUBJ: 181 ALLKEYGLYCFPKMDKIVTFPLAQVQCRSVESCGF 211

A

B

(57) Abstract: The invention is based on the discovery that the INSP100 is a novel splice variant of human chorionic somatomammotropin hormone 2 (HCS-B; Q14407) and that INSP104 is a novel splice variant of human Chorionic somatomammotropin hormone 1 (hCS-A; P01243).

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